

# SEQUENCE LISTING

<110> Freyssinet, Georges  
 Derose, Richard  
 Hoffman, Jules

<120> Gene Coding for Thanatin, Vector  
 Containing Same and Resulting Transformed Disease-Resistant  
 Plants

<130> A33207-PCT-USA

<140> 09/554,024

<141> 2000-05-08

<150> PCT/FR98/02375

<151> 1998-11-06

<150> FR 97/14,263

<151> 1997-11-07

<160> 14

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 33

<212> DNA

<213> Psodius maculiventis

<220>

<221> CDS

<222> (1)...(33)

<400> 1

atc atc tac tgc aac agg agg act ggt aag tgc  
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33

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<223> Derived from Psodius maculiventis

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ggt tcc aag aag cca gtg cca atc atc tac tgc aac agg agg act ggt 48  
 Gly Ser Lys Lys Pro Val Pro Ile Ile Tyr Cys Asn Arg Arg Thr Gly  
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aag tgc cag agg atg 63  
 Lys Cys Gln Arg Met  
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 ggt tcc aag aag cca gtg cca atc atc tac tgc aac agg agg act ggt 48  
 Gly Ser Lys Lys Pro Val Pro Ile Ile Tyr Cys Asn Arg Arg Thr Gly  
 1 5 10 15

aag tgc cag agg atg tgagctcggc gaggcgaacg tgtcgacgga tccgg 98  
 Lys Cys Gln Arg Met  
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<221> CDS  
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 Met Gly Phe Val Leu Phe Ser Gln Leu Pro Ser Phe Leu  
 1 5 10

ctt gtg tct act ctt ctt ctt ttc ctt gtg atc tct cac tct tgc cgt 98  
 Leu Val Ser Thr Leu Leu Leu Phe Leu Val Ile Ser His Ser Cys Arg  
 15 20 25

gcc ggcga 106  
 Ala  
 30

U03441.1: Psodius maculiventis



tcgccggcac ggcaagagta agagatcaca aggaaaagaa gaagagtaga cacaagaagg	60
aaagatggaa gc	72

<210> 8  
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<400> 8	
ggtccaaga agccagtgcc aatcatctac tgcaacagga cg	42

<210> 9  
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<220>  
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ctgttgcaagt agatgattgg cactggc	87

<210> 10  
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ctctagagtc gacctgcagg catgc	85

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<400> 11	
ccctgaacca ggctcgaggg cgcgccttaa ttaaaagctt gcatgcctgc aggtcgactc	60
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<213> Artificial Sequence

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<223> Synthetic oligonucleotide

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<211> 93

<212> DNA

<213> Artificial Sequence

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<223> Synthetic oligonucleotide

<400> 13

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<211> 13

<212> PRT

<213> Artificial Sequence

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<223> Derived from thanatin

<221> VARIANT

<222> (1)...(1)

<223> Variable residue

<221> VARIANT

<222> (13)...(13)

<223> Variable residue

<400> 14

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GCTCGAGGGC CCAACCTCAG TACCTGGGTC AGG